

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/918,242

DATE: 01/02/2002
 TIME: 13:12:14

Input Set : A:\09531-033001.TXT
 Output Set: N:\CRF3\01022002\I918242.raw

ENTERED

4 <110> APPLICANT: Ekker, Stephen C.
 5 Nasevicius, Aidan
 6 Kim, Hyon
 7 Sumanas, Saulius
 9 <120> TITLE OF INVENTION: INHIBITION OF GENE EXPRESSION USING
 10 POLYNUCLEOTIDE ANALOGUES
 12 <130> FILE REFERENCE: 09531-033001
 14 <140> CURRENT APPLICATION NUMBER: 09/918,242
 15 <141> CURRENT FILING DATE: 2001-07-30
 17 <150> PRIOR APPLICATION NUMBER: 60/284,974
 18 <151> PRIOR FILING DATE: 2001-04-19
 20 <150> PRIOR APPLICATION NUMBER: 60/252,864
 21 <151> PRIOR FILING DATE: 2000-11-22
 23 <150> PRIOR APPLICATION NUMBER: 60/221,722
 24 <151> PRIOR FILING DATE: 2000-07-31
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 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
 38 <400> SEQUENCE: 1
 39 atccacagca gccctccat catcc
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 14
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
 49 <400> SEQUENCE: 2
 50 agcagccct catc
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 17
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
 60 <221> NAME/KEY: misc_feature
 61 <222> LOCATION: 10, 12, 14, 16

25

14

70 tctctctcnn tntntnt

17

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73 <211> LENGTH: 25
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
80 <400> SEQUENCE: 4
81 cctcttacct cagttacaat ttata
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 25
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
91 <400> SEQUENCE: 5
92 atccacagca gccctccat catcc
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 25
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
102 <400> SEQUENCE: 6
103 tcttctctt tactcatttt ctacc
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 25
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
113 <400> SEQUENCE: 7
114 tctactcgtt tactcattat ctacc
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 25
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
124 <400> SEQUENCE: 8
125 gccataaac tccaaacaa ctcca
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 25
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Synthetically generated oligonucleotide

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140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
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144 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
146 <400> SEQUENCE: 10
147 cagcactctc qtcgaaagcc gcatt 25
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 25
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
157 <400> SEQUENCE: 11
158 tttctagcag ggtttctcgt tgctg 25
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 25
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
168 <400> SEQUENCE: 12
169 ttccatgacg ttggaattat ctctt 25
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 25
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
179 <400> SEQUENCE: 13
180 catgttcaac tatgtgttag ctcca 25
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 25
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
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191 tataagtcga tctatctcat gtgtg 25
193 <210> SEQ ID NO: 15
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195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
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215 <210> SEQ ID NO: 17
216 <211> LENGTH: 25
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
223 <400> SEQUENCE: 17
224 gtagcaata aacaaccaag ttcac 25
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 25
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
234 <400> SEQUENCE: 18
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237 <210> SEQ ID NO: 19
238 <211> LENGTH: 25
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
245 <400> SEQUENCE: 19
246 ctgagatga tgatgaagac cccat 25
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 25
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
256 <400> SEQUENCE: 20
257 aacacacact tcaactcacc tgcac 25
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260 <211> LENGTH: 25
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
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267 <400> SEQUENCE: 21
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270 <210> SEQ ID NO: 22

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273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
278 <400> SEQUENCE: 22
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281 <210> SEQ ID NO: 23
282 <211> LENGTH: 25
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
289 <400> SEQUENCE: 23
290 taatagttcc gtccattttc cgcaa 25
292 <210> SEQ ID NO: 24
293 <211> LENGTH: 25
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
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303 <210> SEQ ID NO: 25
304 <211> LENGTH: 25
305 <212> TYPE: RNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
311 <400> SEQUENCE: 25
312 auccacagca gccccuccau caucc 25

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VERIFICATION SUMMARY

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L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3